

National Criminal Justice Information and Statistics Service Reports

Victimization Surveys:

- Criminal Victimization in the United States (arrusal): A Comparison of 1975 and 1976 Findings
 - A Comparison of 1974 and 1975 Findings A Comparison of 1973 and 1974 Findings
 - 1975 (final report)
 - 1974 (final report)
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 Cincionall, Houston, Miami, Milwaukse, Minneapolis,
 - New Orleans, Oskland, Pittsburgh, Son Diego, Sen Francisco, and Weshington, D.C. (Ibral report, 13 vols.) Cristinal Victimization Surveys in 13 American Cities byumrary report, 1 vol.)
 - Cristinal Victimization Surrays in Chicago, Detroit, Los Angeles, New York, and Philippinas A Comparison of 1972 and 1974 Findings
- Criminal Violimization Surveys in the Nellon's Five Lorgest Cities: National Crime Panel Survey in Chicago, Detroil, Los Angelae, New York, and Philadelphia, 1972 Cristinal Violimization Surveys in Eight American Cities: A
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A National Crime Survey Report

No. SD-NCS-C-23 June 1978

> U.S. DEPARTMENT OF JUSTICE Law Enforcement Assistance Administration

National Criminal Justice Information

U.S. DEPARTMENT OF JUSTICE
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Preface

Since early in the 1970's, victimization surveys have been carried out under the National Crime Survey (NCS) program to provide insight into the impact of crime on American society. As one of the most ambitious efforts yet undertaken for filling some of the gaps in crime data, the surveys, carried out for the Law Enforcement Assistance Administration (LEAA) by the U.S. Bureau of the Census, are supplying the criminal justice community with new information on crime and its victims, complementing data resources already on hand for purposes of planning, evaluation, and analysis. Based on representative sampling of bouseholds and commercial establishments, the program has had two major elements, a continuous national survey and senarate surveys in 26 central cities across the Nation.

Based on a scientifically designed sample of housing units within each jurisdiction, the city surveys had a twofold nurpose: the assessment of public attitudes about crime and related matters and the development of information on the extent and nature of residents' experiences with selected forms of criminal victimization. The attitude questions were asked of the occupants of a random half of the housing units selected for the victimization survey. In order to avoid biasing respondents' answers to the attitude questions, this part of the survey was administered before the victimization questions. Whereas the attitude questions were asked of persons age 16 and over, the victimization survey applied to individuals age 12 and over. Because the attitude questions were designed to elicit personal opinions and perceptions as of the date of the interview, it was not necessary to associate a particular time frame with this portion of the survey, even though some queries made reference to a period of time preceding the survey. On the other hand, the victimization questions referred to a fixed time frame-the 12 months preceding the month of interview-and respondents were asked to recall details concerning their experiences as victims of one or more of the following crimes, whether completed or attempted: rape, personal robbery, assault, personal larceny, burglary, household larceny, and motor vehicle theft. In addition, information about burglary and robbery of businesses and certain other organizations was gathered by means of a victimization survey of commercial establishments, conducted separately from the household survey. A previous publication, Criminal Victimization Surveys in Houssion (1977), provided comprehensive coverage of results from both the household and commercial victimization surveys.

victimization surveys. Attitudinal information presented in this report was obtained from interviews with the occupants of 4.866 housing units (9.357 residents age 16 and over), or 96.2 percent of the units eligible for interview. Results of these interviews were inflated by means of a multistage weighting procedure to produce estimates applicable to all residents age 16 and over and to demographic and social subgroups of that population. Because they derived from a survey rather than a complete census, these estimates are subject to sampling error. They also are subject to response and processing errors. The effects of sampling error or variability can be accurately determined in a carefully designed survey. In this report, analytical statements involving comparisons have met the test that the differences cited are equal to or greater than approximately two standard errors; in other words, the chances are at least 95 out of 100 that the differences did not result solely from sampling variability. Estimates based on zero or on about 10 or fewer sample cases were considered unreliable and were not used in the analysis of survey results.

The 37 data tables in Appendix I of this report are organized in a sequence that generally corresponds to the analytical discussion. Two technical appendixes and a glossary follow the data tablex. Appendix II consists of a fleximile of the survey questionnaire (Form NCS 6), and Appendix II supplies information on sumple design and size, the estimation procedure, reliability of estimates, and significance testing; it also contains standard error tables.



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Crime and attitudes

During the 1960's, the President's Commission on Law Enforcement and Administration of Justice observed that "What America does about crime depends ultimately upon how Americans see erime. . . . The lines along which the Nation takes specific action against crime will be those that the public believes to be the necessary ones." Recognition of the importance of societal perceptions about crime prompted the Commission to authorize several public opinion surveys on the matter. In addition to measuring the degree of concern over crime, those and subsequent surveys provided information on a variety of related subjects, such as the manner in which fear of crime affects people's lives, circumstances engendering fear for personal safety. members of the population relatively more intimidated by or fearful of crime, and the effectiveness of criminal justice systems. Based on a sufficiently large sample, moreover, attitude surveys can provide a means for examining the influence of victimization experiences upon personal outlooks. Conducted periodically in the same area, attitude surveys distinguish fluctuations in the degree of public concern; conducted under the same procedures in different areas, they provide a basis for comparing attitudes in two or more localities. With the advent of the National Crime Survey (NCS) program, it became possible to conduct large-scale attitudinal surveys addressing these and other issues, thereby enabling individuals to participate in appraising the status of public safety in their communities.

Based on data from a 1974 attitudinal survey, this perpet analyzes the responses of Houston residents to questions creviling four topical areas; crime to questions, creating the respective properties of the residence of the res

Conceptually, the survey incorporated questions

**President's Commission on Law Enforcement and Administration of Justice. The Challenge of Crime in a Pres Society. Washington, D.C.: U.S. Government Printing Office, Pobruary 1967, pp. 49-53.

pertaining to behavior as well as opinion. Concerning behavior, for example, each respondent for a household was asked where its members shopped for food and other merchandise, where they lived before moving to the present neighborhood, and how long they had lived at that address. Additional questions asked of the household respondent were designed to elicit opinions about the neighborhood in general. about the rationale for selecting that particular community and leaving the former residence, and about factors that influenced shopping practices. None of the questions asked of the household respondent raised the subject of crime. Respondents were free to answer at will. In contrast, most of the individual attitude questions, asked of all household members age 16 and over, dealt specifically with matters relating to crime. These persons were asked for viewpoints on subjects such as crime trends in the local community and in the Nation, chances of being personally attacked or robbed, neighborhood safety during the day or at night, the impact of fear of crime on behavior, and the offectiveness of the local police. For many of these questions, response categories were predetermined and interviewers were instructed to probe for answers matching those on the questionnaire

Although the attitude survey has provided a wealth of data, the results are opinions. For example, certain residents may have perceived crine as a pie, certain residents may have perceived crine as a fixed may be a fixed to the control of the con

The relationship between victimization experiences and attitudes is a recurring theme in the analytical section of this report, infornation concurring used speriences was gathered with separate corrections of the report of the parate of the conministring the victimization component of the ministring the victimization component of the which also contains a social description of the survey. Victimization survey is influential victimization for the which also contains a delated description of the survey in the properties of the finite of the finite of the properties of the properties of the finite of the Forms NCS 3 and 4. For the purpose of this report, individuals who were victims of the following crimes, whether completed or attempted, during the 12 months prior to the month of the interview were considered "victimized": rape, personal robbery, assault, and personal larceny. Similarly, members of households that experienced one or more of three types of offenses-burglary, household larceny, and motor vehicle theft-were categorized as victims. These crimes are defined in the glossary. Persons who experienced crimes other than those measured by the program, or who were victimized by any of the relevant offenses outside of the 12-month reference period, were classified as "not victimized." Limitations inherent in the victimization surveythat may have affected the accuracy of distinguishing victims from nonvictims-resulted from the problem of victim recall (the differing ability of respondents to remember crimes) and from the phenomenon of telescoping (the tendency of some respondents to recount incidents occurring outside, usually before, the appropriate time frame). Moreover, some crimes were sustained by victims

outside of their city of residence; these may have had

local matters. Despite the difficulties in distinguishing precisely between victims and nonvictims, it was deemed important to explore the possibility that being a victim of crime, irrespective of the level of seriousness or the frequency of occurrence, has an impact on behavior and attitudes. Adopting a simple dichoromous victimization experience variablevictimized and not victimized-for purposes of tabulation and analysis also stemmed from the desirability of attaining the highest possible degree of statistical reliability, even at the cost of using these broad categories. Ideally, the victim category should have distinguished the type or seriousness of crimes, the recency of the events, and/or the number of offenses sustained,2 Such a procedure seemingly would have yielded more refined measures of the effects of crime upon attitudes. By reducing the number of sample cases on which estimates were based, however, such a subcategory of victims would have weakened the statistical validity of comparisons between the victims and nonvictims.

²Survey results presented in this report contain attitudinal data furnished by the victims of "series victimizations" (see glossary).

Summary

Because relatively few Houston residents regarded crime as the single most important community problem, and the single most important community problem, and the single most important community problem, and influence personal lifestyles, mobility, and decisions relating to the acquisition of home. Some SS pectaced of the population rated the performance of the local police as no lower than average, and about 19 in 20 persons thought that their own neighborhoods were no worse than others, or perhaps were better, insofar as crime was involved. Issues of cavironmental quality, economic and housing conditions, and personal convenience and housing conditions, and personal convenience

When the interview focused on matters related to crime, however, most Houston residents shared to opinion that crime had increased, particularly outside the neighborhood and at the national 1985. Many people, especially women and persons ages 35.64, believed that their chances of being remainally victimized had risen, and about a third of then peoplated in though that the crime problem was more population thought that the crime problem was met.

serious than portrayed in the news media. Oninions relating to crime were not uniform across all sectors of the city's population, however. For example, women were more likely than men to believe that crime in the Nation had risen, that their neighborhoods were unsafe, that their chances of becoming a victim had gone up, and that police performance had been poor. Consistent with these beliefs, women were more likely than men to indicate that they had changed their activities because of crime. Perhaps reflecting a comparatively higher level of insecurity because of crime-as evidenced by perceptions that most criminal offenders lived in their neighborhoods and that the vicinity was unsafe at night-members of the black community were considerably more likely than their white counterparts to have modified their activities and to have rated police performance as less than good, particularly in areas relating to the application of

resources and public relations.

Notwithstanding the relatively low degree of importance that Houston residents associated with the problem of local crime, persons who had been vicinized during 1973 by one or more of the offenses measured by the National Crime Survey program tended to be more likely than those not vicinized of think that crime was up, both nationally and in their neighborhood; that crime was worse than reported in the media. but had ready of the National Crime in the media but had ready of the National Crime in the media but narres of the Houston metronolities.

area were unsafe; and that police performance was below average. Commensurate with these beliefs, I in 5 persons who felt unsufe about their neighborhood and who had been victims of crime in the preceding year indicated that they seriously considered leaving the vicinity. Although survey results revealed quite consistently that victimized persons generally were more pessimistic than those not victimized, and that they were more inclined to report that they behaved more guardedly because of crime, the differences between responses by the two groups were not large in many instances, and in some they were statistically insignificant. For example, whereas 62 percent of victimized persons believed that their chances of being robbed or attacked had risen and 45 percent indicated that they had limited or changed their activities because of crime, the corresponding percentages for those not victimized were 56 and 38. Although modest, the differences between answers for the two groups were statistically significant in each of these instances.

Chart A. Summary findings about crime trends

75	31	52	21 43	33	33	2 %
Same Decreased	Same Decreased	Safer Average Less safe	Neighbors Outsiders Don't know	Strae Decreased	More serious Same Less serious	10
Direction of U.S. crime (Table 1)	Direction of neighborhood crime (Table 2)	Comperative neighborhood safety (Table 3)	General identity of affenders (Table 4)	Chances of being victimized (Table 5)	Crime as portrayed by news media (Table 6)	

Summary findings about fear of crime	11	7.1	2	33	15	77	68	41 58	0 10 20 30 40 50 60 70 80 90
Summs	Yes	Yes	Safe Unsafe	Sefe Unsafe	% No.	No Se	š š	% % %	-0
Chart B.	Inhibits daylime movement (Table 7)	Inhibits nighttime movement (Table 8)	Deytime neighborhood safety (Table 9)	Nighttime neighborhood safety (Table 12)	Home relocation considered (Table 15)	Population limiting activities (Table 16)	Neighbors limiting activities (Table 16)	Respondent limiting activities (Table 18)	

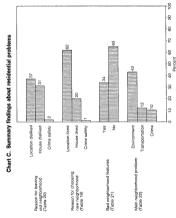
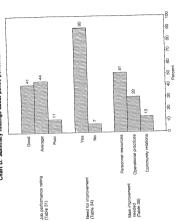


Chart D. Summary findings about police performance



Crime trends

This section of the report deals with the protection of Houston residents with respect to community crime trends, personal safety, crime in the Nation, and the accuracy with which resupports and television were thought to be reporting the crime problem. The findings were drawn form Data Tables 1 through 6, found in Appensix I. The relevant operations, appearing in the facinitie of the survey instrument (Appendix II), are 90, 90, 103, 12, 150, and 25), each questions was saked of persons age 16

U.S. crime trends

Approximately three-fourths of Houston residents age 16 and over felt that crime in the United States had increased in the last year or two, 16 percent believed that it had remained about the same, and only 4 percent stated that it had decreased; some 5 percent either did not know if a change had occurred or did not respond. These proportions remained relatively stable across age, sex, race, and victimization experience categories. Thus, although females were more likely than males to believe that crime had increased, the difference was not substantiel (78 vs. 73 percent). The consensus that crime had risen nationally was relatively uniform for all age groups. As for the victimization experience of respondents, some 74 percent of those who did not come into contact with crime during 1973 thought that crime had increased, compared with 79 percent among those who were victimized by one or more of the offenses measured under the National Crime Survey program.

Neighborhood crime trends

Residents of Houston sito were saked if they believed that relime had changed in their own neighborhood during the last year or two. The resulting opinions contrated sharply with those expressed about national crime trends. Those who feld that crime had remained about the same made up the largest group (47 percent), Approximately 31 percent, or less than half the proportion of residents of the same properties of the proper

decreased. The remaining respondents had no opinion about the mixter, will not record a number, or had not lived in the comman of the remaining of the man of the comman of the comman of the comman opinion. Although their user one washingth difference of helief according to are or race, victimization experience was positively related to the feeling that neighborhood crime had increased. Approximately 37 percent of those vicinitzed said that crime had risen, compared with 27 percent among the operation open constants.

Ragarding, the danger of neighborhood crimine relative to other parts of the Houston metropolitan area, only about 1 in 20 city residents considered their neighborhoods more perilous than others. It respective, comparison of the professor, comparison of the professor, comparison of the professor, comparison of the professor, comparison (20 than others) the their neighborhoods were other average (42 perilous) of the professor of

Who are the offenders?

With respect to neighborhood crime, respondents were asked if most of the offenses were committed by persons living in the vicinity or by outsiders. By a margin of about 2 to 1, outsiders were considered responsible. However, persons who did not know the identity of the offenders, who indicated that there were no crimes taking place in the neighborhood, or who simply failed to respond, totaled approximately 30 percent of the population. Some 6 percent attributed the commission of crimes equally to neighboring residents and outsiders. In relative terms, slightly more blacks (25 percent) than whites (20) felt that people living in the neighborhood were responsible for crime, but the victimization experience variable did not yield as much in the way of contrasts in response to the question as did the age variable. As age increased, respondents were less likely to attribute the perpetration of crime to individuals within the neighborhood, somewhat more inclined to say that crimes were not happening, or more ant to express ignorance of the matter altogether. This finding may relate to the greater likelihood of younger persons being the victims of personal crimes of violence, a high proportion of

Perceptions of a higher degree of risk from victurization among females, whiles, or older persons did not appear to relate strongly to recent victimization experience. In 1973, the victimization ricer or personal crimes of violence (the aggregate of ropepersonal robbers), and assault) was about twee a high for males than for females; several points higher for blacks than for whites; and some 10 little higher among persons age 16-19 than for those 65 and over. 4 Nevertheless, victims were sligh more likely than nonvictims to think that if chances of being harmed had risen.

Crime and the media

Immediately after rating their chances of b robbed or attacked, residents were asked to comp their impressions about the seriousness of crime the portrayal of the problem by newspapers television. Some 53 percent of the population i cated that crime was about as serious as depicto those media, and 34 percent felt that it was a more serious than reported. One-tenth of the dents concluded that crime was less serious portrayed, and 4 percent expressed no opinio gave no answer. In general, differences that eme among population groups regarding the manne which crime was reported did not seem to meaningful. With regard to victimization perience, there was no significant difference bety victims and nonvictims in rating the crime prof as less serious, and nonvictims were only slig more likely than victims to have regarded crist about as serious as conveyed by the media (54 v percent). Predictably, victimized persons were a likely than nonvictims to have said crime was a serious (38 vs. 31 percent). The pattern of resp to this question closely resembled that concerchanges in the degree of risk of being victimize

JAmung single-offender viesimizations, some laret-fifths of personal robberties, as well as of assaults, against persons age 12-19 were personal et also born committed by offenders age 12-20, See United States. National Criminal Justice Information and Sastistics Service. Criminal Vietnitarius Universe in Versional Washington, D.C.; U.S. Government Printing Office, 1977, Dain Tuble 14.

⁻ United States. National Criminal Justice Informatio Statistics Service. Criminal Physiology Servey in 13 Am Cries. Washington, D.C.: U.S. Government Printing Office 1975, p. 63.

Fear of crime

Among other things, results overed thus far have those that many residents of Housenb believed crime had increased over the years leading up to the survey and, in addition, fet their own chances of being attacked or robbed had rism. Whether or not treated in this section of the roport. Also examines to the impact of the feer of crime on activity patterns and on consideration regarding changes of resitation. Survey questions 11s. 1; b. 1; to 1a, 1cb, and 1cb—all assets of per ringing to over—and Data Tabula? Through 18 are referenced

Crime as a deterrent to mobility

In order to assess the impact of crime on daily life, residents were asked if there were parts of the Houston metropolitan area that they wished or needed to enter during the day but avoided doing so because of the fear of crime. Some 87 percent of the relevant population expressed no reservation about traveling to such areas because of the threat of crime, and about 11 percent were fearful. Predictably, those who reported they had been criminally victimized during 1973 were more likely than nonvictims to express reluctance to move about (15 vs. 9 percent). Nevertheless, a vast majority (83 percent) of those victimized were not afraid to circulate in the metropolitan area during the day. Although statistically significant differences emerged between the responses of males and females, the variations were not large, and the pattern of answers according to race and age group was relatively stable. Surprisingly, persons age 65 and over were slightly more likely than younger ones (as a group) to be unafraid of traveling about during the day.3

Asked essentially the same question concerning their fear of moving about the metropolitan area at night, approximately twice as many Houston residents indicated that they were more intimidated by crime at night than during the day (23 vs. 11 percent), but a distinct majority of persons (71 percent).

once again revealed no fear of traveling to parts of the area at night when the need or wish arose. There were no consequential differences between the answers of whites and blacks or between those of males and females. However, victims were considerably more likely than nonvictims to have expressed fear (29 vs. 19 percent). As with the question about daytime mobility, an interesting pattern was evident with respect to age of the respondent. As age increased, there was a tendency for persons to be less fearful of circulating in the area at night, even though not all apparent differences between specific age groups were significant. Some seven-tenths of all residents age 16-19 were not afraid to do so, as contrasted to eight-tenths of those in the 65 and over age group. With regard to the relatively low manifestations of fear on the part of elderly persons to move about either in day or night, the response pattern may have been attributable to a lack of interest in or need for visiting or conducting business at places away from home.

Neighborhood safety

Following the series of questions about crime trends in the neighborhood and the Nation, Houston residents were asked about their feelings concerning neighborhood safety when out alone during the day or at night. About daytime, an overwhelming majority of persons (93 percent) felt, or would feel, very safe or reasonably safe, with the remainder expressing some degree of fear for personal safety. Males were slightly more likely than females to feel secure (96 vs. 90 percent), and whites were somewhat more apt than blacks to feel that way (94 vs. 90 percent). Relative to their number, the elderly (age 65 and over) regarded themselves as less safe than younger persons. Once again, however, the difference was not great; whereas 89 percent of the elderly felt secure, 94 percent of persons age 16-64 felt that way. Victimization experience had no effect whatsoever on the pattern of response. As for the question of neighborhood safety when a

person was out alone an mph, feelings differed considerably and a men and a men settly. Far more active and the settlement of the settleme

It is bail be emphasized that the source questions for data covered in his settled (speakines 12 and 13b) referred to places on covered in his settled (speakines 12 and 13b) referred to places to other. Thus, it is reasonable to assent that highest places, those most highly faired, were excluded from consideration by many reproduces. Had the questions applied seconditionally to all sectors of the zero, the patient of responses no doubt would have been different.

Among individuals who indicated that they would field immediated or very unafe when out along at night, females outnumbered males by a wide margin (56 × 2.0 percent), a pattern that tended to hold regardless of age. In fact, whereas a majority of males (80 percent) considered hemselves and, the opposite was true for formulation, when the opposite was true for formulation with the opposite was true for formulation when the opposite was the opposite with the opposite of the opposite was the opposite of the

A distinct relationship energed between age and copinions about againtime safety when out alone in the neighborhood, with older people generally feel gets secure that younger ones. Among persons againtime to the property of the property o

Crime as a cause for moving away

Houston residents who stated that they felt somewhat or very unsafe when out alone in their neighborhoods during the day or at night were asked if their vicinities were dangerous enough to cause them to think seriously about moving elsewhere. Despite the substantial proportion of residents who voiced concern about safety, particularly at night, 83 percent of the members of this subgroup did not believe that their neighborhoods were sufficiently perilous to think of moving. On the other hand, 15 percent had contemplated moving; responses were unavailable for the remaining 2 percent. As a proportion of the population age 16 and over, the group that had thought about moving away because of crime made up only 6 percent of the total. Despite their relatively lower apprehensiveness about neighborhood safety, males were more likely than females (18 vs. 13 percent) to have considered moving.7 Younger persons (under age 35) were somewhat more apt than older ones to think about doing so. The difference between the proportions of blacks (19 percent) and whites (13) who seriously regarded moving also was statistically significant, although

small. Victims were about twice as likely as not tims to consider moving.

Crime as a cause for activity modification

The final series of questions in the attitude so elicited information as to whether respondents limited or changed their activities in recent because of the fear of crime, as well as whether thought that others had done so. The response tern generally paralleled that concerning the iss crime trends, with persons believing that the ir of crime was greater upon persons other than neighbors and themselves. About seven-tent Houston residents believed that people in go had modified their activities because they afraid of crime. When asked about persons in neighborhood, however, only 46 percent respe affirmatively. An even smaller percentage dividuals said that they personally had altered activities because of crime; approximately 4 cent indicated they had, and 59 percent said had not.

As with previous responses, certain m differences emerged depending on the indivisex, race, age, or recent victimization expenses For example, 49 percent of all females said the changed their activities for fear of crime, comwith 32 percent of all males. A compa difference was evident in the responses of blac whites: 53 percent of blacks said they had me their personal activities, contrasted to 37 perwhites. The proportion of persons indicalimitation or change in activities tended to it with age, from 34 percent among the 16group to 48 percent among those 65 and although not all apparent differences between cents for intermediate age groups were statis significant. Persons who had been victims wer likely than those not victimized to have sa altered their activities; the respective prop were 45 and 38 percent.

^{*}Actually, the relationship was slightly curvilinear, starting at 62 percent for persons age 16-19, rising to 68 percent for those age 25-34, and decreasing steadily thereafter.

[&]quot;Based on responses shown in Data Table 15, this thou is somewar misterioding between the source quies mixed only of persons who said they felt wastle during another slighttime. Totaling 39 percent of the relevant ton, individuals who were saked the question include each of all makes, contracted with 56 percent of all frame 6 percent of the cloth population age! 6 and overamper of mates and 7 percent of females—and seriously considered moving.

Residential problems and lifestyles

The initial attitude survey questions were designed to gather information about certain specific behavioral practices of Houston householders and to explore perceptions about a wide range of community problems, one of which was crime. As indicated in the section entitled "Crime and Attitudes," certain questions were asked of only one member of each household, known as the household respondent. Information gathered from such persons is treated in this section of the report and found in Data Tables 19 through 26; the pertinent data were bused on survey questions 2a through 7b. In addition, the responses to questions 8a through 8f, relating to certain aspects of personal lifestyle, also are examined in this section; the relevant questions were asked of all household members age 16 and over, including the household respondent, and the results are displayed in Data Tables 27 through 30. As can be seen from the questionnaire, and unlike the procedure used in developing the information discussed in the two preceding sections of this report, the questions that served as a basis for the topics covered here did not reveal to respondents that the development of data on crime was the main purpose of the survey.

Neighborhood problems and selecting a home

The lead question in the survey was designed to distinguish between short-term (i.e., 5 years or less) and long-term residents. Some three-fifths of Houston residents had lived at the same address for a period of 5 years or less. Subsequently, a determination was made of the reason (or reasons) these persons selected a home in a particular neighborhood; respondents who volunteered more than a single answer were asked to identify the single most important reason. Sixty-two percent regarded location and characteristics of the area-schools, type of neighbors, environment, streets, parks, etc .-- as the overriding considerations. A total of roughly onefourth indicated that the price had been right, that the 'dwelling's characteristics appealed to them, or that the neighborhood was the only place where they found housing. In contrast, only about I percent cited safety from crime as the main reason they moved to the neighborhood. Victimization experience and income level did not significantly influence the pattern of responses. Blacks, however,

tended to respond differently from whites to the extent that they were less likely to have picked the neighborhood on the basis of its characteristics, location, and schools (54 vs. 65 percent) and more apt to have said that they had no choice (10 vs. 4 percent).

cell, there he same group of bousehold respondents (d., thour at the same address for 5 years or less) (d., thour at the same address for 5 years or less) was saked after the same address for 5 years or less) was saked and the same address of the

With respect to the neighborhood in which they lived at the time of the survey (irrespective of their length of residence at the designated address) household respondents were asked if there was anything they disliked about that vicinity. Sixty-five percent expressed no distike, and 34 percent cited one or more causes for dissatisfaction, with few differences in response emerging according to income level. Blacks, however, were somewhat more upt than whites to find certain neighborhood characteristics undesirable (39 vs. 33 percent). Those who had been victims of crime expressed general dissatisfaction with the neighborhood relatively more often than nonvietims (43 vs. 29 percent). When asked to identify the most serious neighborhood problem, those who manifested dislikes reported environmental deterioration-trash, noise, overcrowding, etc.-as the most bothersome (43 percent); problems with neighbors and the influx of bad elements were cited by about 23 percent; and some 12 percent said that transportation and parking were the main difficulties. Roughly I in every 10 of these household respondents-or about 3 percent of all such persons in the city of Houston-indicated that crime was their prime concern. Among those who selected crime, there were no meaningful differences according to race or income. Victims, however, were more likely than nonvictims to be troubled by crime problems (13 vs. 7 percent).

Food and merchandise shopping practices

A vast majority of household respondents (85 percent) said they did their major food shopping in neighborhood stores, with the bulk of the other respondents indicating that they shopped stewhere. However, poor rebussholds (less short 87,500 annual income) or blacks were less apt than more affinent once a voltes, respectively, to shop for classification of the state of t

In addition to questions about food shopping, household respondents were asked whether or not they usually purchased clothing and general merchandise from suburban or neighborhood centers, on the one hand, or from shops downtown, on the other. Eighty-three percent stated that they usually shopped in suburban or neighborhood areas, whereas 15 percent reported they patronized downtown stores. Although victimization experience was not significantly related to the preferred location for general shopping, some interesting variations emerged among households differentiated either by race or income. Blacks were more likely than whites to shop downtown (31 vs. 10 percent); whites evidenced a stronger preference for suburban and neighborhood stores (88 vs. 68 percent). Those with annual earnings of less than \$10,000 tended to shop downtown to a greater degree than those with higher incomes (22 and 9 percent, respectively). Some twothirds of householders in the lowest income group did their shopping in suburban or neighborhood shopping centers, compared with nine-tenths for those in the highest income bracket examined.

Coupled with the question about places where they usually shopped for general merchandise, household respondents were also asked about reasons for preferring stores in one area over those in another. Among suburban or neighborhood buyers, the proportion of persons indicating that erime influenced their practices was nominal; moreover, the proportion of those who shopped downtown because of a fear of crime in other locations was based on too few sample cases to yield a reliable estimate. For each group of shoppers, convenience was the single most important attraction in the shopping sites they patronized. Appreciable numbers of downtown shoppers indicated that better selection and transportation were the main features, whereas suburban or neighborhood shoppers cited better parking and less traffic as relatively important considerations.

Entertainment practices

A brief series of questions concerning recreation and entertainment was asked of each household member age 16 and over, including the household respondent. It was first determined whether the frequency with which each individual went out for evening entertainment (such as to restaurants, theaters, and the like) had changed during the recent past. The single largest group (43 percent of Houston residents) replied that the frequency had remained about the same; 37 percent said they went nut less often; and 19 percent indicated they went out more often. In general, there were few large differences between the responses of males and females. Blacks, however, were more likely than whites to have said they went out less often (48 vs. 34 percent). Persons who had been victimized were more likely than those who had not to indicate that they went out both more often and less often-the apparent contradiction being ascribable to the difference between the proportion of persons in each group who said they had not changed their frequency of entertainment. As might be expected, age was strongly related to the frequency with which Houston residents reportedly went out for evening entertainment. Young persons (age 16-19) were far more likely to go out more often than those age 50 and over (50 vs. 7 percent).

Persons who indicated that they had altered the frequency with which they went out for evening entertainment (that is, those who said that they were going out either more often or less often) were asked about the reasons for such change. Among those who had cortailed their entertainment activities, only 4 percent specifically mentioned crime as the major reason for doing so. Residents who patronized entertainment facilities with some regularity (i.e., at least once a month) were then asked about the general location of such places. Some 91 percent of these persons usually frequented restaurants and theaters within the city. Only about 5 percent said they eustomarily went outside of Houston. When asked to explain their selection of one site over the other, a negligible proportion of respondents alluded to the prevalence of crime in the other location. Reasons relating to personal preference and convenience were offered far more frequently.

Local police performance

Following the series of questions concerning neighborhood safety and crime as determent to personal mobility, individuals age 16 and over were asked to assess the overall performance of the local police and to suggest ways, if any, in which police effectiveness might be improved. Data Tables 31 through 37, derived from survey questions 14a and 14b, contain the results on which this discussion is based.

Are they doing a good, average, or poor job?

Approximately 41 percent of Houston residents stated that the police were doing a good job, 44 percent rated the police as average, and 11 percent said police performance was poor. The remaining 4 percent was made up of persons for whom no resumsar recorded or who had no basis for rating the police.

Among persons who evaluated the police as average, there was no significant response variation between victims and nonvictims and only a minimal difference between males and females. Blacks or younger residents were somewhat more likely than whites or older residents, respectively, to have rated the police as average. In fact, there was a tendency among older persons to rate the police as good, and of younger ones to evaluate them as average or poor, regardless of the sex or race of the respondent. Some of the differences between those who rated police job effectiveness as either good or poor were quite marked. For example, whites were about twice as likely as blacks to have rated police work as good (47 vs. 23 percent), whereas blacks were more than twice as apt as whites to have characterized it as poor (20 vs. 8 percent). Persons not victimized by crime in the previous year were more inclined than those victimized to rate police performance as good and less likely to have thought of it as poor.

was

those who saw no need for police improvement, there were few meaningful differences according to the respondents' ago or race, and there was no significant difference between males and females. Non-victims were only slightly more likely than victims to have stated that no improvement was needed.

Among persons who felt there was a need to improve the work of the local police, 51 percent identified measures relating to the adequacy of personnel tried measures as the single most important aren. Some 30 percent itude, that the operational practices of the force needed revision, and about 13 percent louded for ended for change in community relations,

In general, recommendations concerning measures for police improvement did not vary substantially among residents of each sex. In a seeming paradox, nonvictims were more likely (48 percent) than victims (37) to have suggested hiring additional personnel. The response patterns by persons of differing race or age were markedly varied, however. Whites were more likely than blacks to have preferred improvements in the field of personnel resources, whereas blacks were far more inclined to identify the functions of community relations or operational practices. By margins of roughly 2 to 1. for example, blacks indicated a need for greater promptness by the police and recommended the use of increased special patrols in certain areas or at specific times.

With respect to the age of respondents, there was a endeney for increasingly older premote to regard expansion and training of the police force as the most important step needed. The proportion of persons age 16-19 who cited this measure (30 percent) was far smaller than that of those age 65 and over (67). In contrast, younger persons tended to emphasize the need for ungranding police operations or expectations. For instance, whereas only about 50 percent of the proposed of

For most of this discussion, the tight detailed rappose items correct in question is do were combed nine interestagenies, as some of the control of the present of the control of the cont

Survey data tables

The 17 anistical data tables in this appendix part the results of the Houston attitudinal survey are the results of the Houston attitudinal survey are the results of the Houston attitudinal survey and ideas are the report's analytic property and ideas attituding the report's analytic and ideas are the relevant response categories and results and the relevant response categories for a given population group, each table displict the pre-rest distribution of answers to a question All statistical data generated by the survey.

are subject to variances, or errors, associated with fact that they were derived from a sample surror rather than a complete enumeration. Constraints interpretation and other uses of the data, as well guidelines for determining their reliability, are rich rich in Appendix III. As a general rate, however, and the case in the constraints based on zero or on about 10 or fewer str per cases have been considered unreliable. Such carried in the case in the contract of the data tables, we not used for analytical purposes in this report.

estimates that vary in their degree of reliability a

Each data table parenhetically displays the of the group for which a distribution of responsive and actualistic of the group of the group for the group was calculated. As with the percentages, these is figures are calminated. On tables showing the assword in individual respondents (Tables 1 – 18 & 27–37), the figures reflect an analysisment based an independent post-Census estimate of the cliented products of the cliented products of the cliented products (Tables 19 – 26), the bases were generouled by the cliented products of the cliented p

A note beneath each data table identifies the q

Table 1. Direction of crime trends in the United States

	(Percent d	digital parters of			conde in the officed States		
Population characteristic	Stead	Terrenced	Appealed for	the population	Cotal Terrenand Control of the population age to and over)		
All persons (937,200)	0.007			- Contract	Decreased	Don't leave	Not sentions
Sex	(Antidor	25.0		16.0	3.6	7.6	1
Nale (444,700) Penale (492,600)	3000	22.2	~	9727			270
Sice	97007	ď.	0	17.7	177	11	10.0
Wate (697,400)	100,0	ř					200
	0000	978			3.5	4.6	3.042
	2000	8		35.4	17	7.7	10.3
16-19 (101,300)	100.0						0.0
	100.0			25.0	376	373	30.2
	group.	36.		20	200	2.7	10.1
(173,0	100.0	100		25.0	15	0.4	50°S
65 and over (87,900)	100.0	100		7	100	0.7	10.2
Victindaelion experience		200		57	3.1	6.5	10.0
Not wirefunded (579, 200)	0,002						2000
Vacalatized (358,000)	200.0	28		10.0	5.6	5.3	0.2
NOTE: Date based on deceation 10s	The state of the s			2007	20	5.2	20,2
	(Percent diss	cibution of res	purpes for th	Percent distribution of responses for the population age 16 and over	e 16 and over)		
opulation characteristic	and the same				Mercants Name		
	100.00	Decreased	Same	Decreased	bere that long	Dan't, learny	That most thin.
ALL princes (937,200)	300.0	30.5	57.3	9-9	1		NOT STALL SOLD
Market Arra assets					C'a	9.2	0,1
Preside (492,600)	100.0	ñ	50	7.5	79	;	
		ì	82.8	3	9	3.5	10.1
Multiple (697-400)	0,001	35.1	16.8	,			
	100.0	3877	0.00	S. S.	200	0.0	0.1
			9	1	28.4	12.0	0.0
16-19 (101,300)	300,0	25.7	57.57				
	2007	20	577	17	12.3	6.9	10.2
(227,000)	300,0	0.00	277	7	10.9	70	10.1
	300,0	48.6	i	y n	77	7"6	10.0
Distriction consensus	100.0	22.5	5.68	5.7	27	200	10.1
for victimized (579,300)	100.0	* **					10.3
GCCD4000 (358,000)	100.0	18	100	22	33	10.6	0.2
De Date beson en question 9a. De	DAY BUT ACC	to taked because	1	- 1	0.0	6.9	10.1
1			a contractor.	Partie on the	and harries made as		

Table 3. Comparison of neighb

Population characteristic	Total	Rich sore dargerous	More dangerous	About	Less dangaross	Nuch Less dangerous	Not swallable
(959,200)	100.0	976	3.9	8777	10.1	22.2	1.4
Sox Male (UAA,700) Female (LG2,660)	0,000	25	32	37.3	28.3	13.7	11.5
Macs (697,400) Mactic (597,400) Mactic (77,400)	10000	0.5 0.0 0.0	212	27.8 20.2 20.2 20.2 20.2	n in in	5.53	11.2 11.9 11.4
Age 16-19 (101,300) 20-24 (136,300)	100.0	101	114	323	34.4	6.00	188
35-34 (2013-00) 35-49 (227-00) 90-44 (173-00) 66 and rose (107-00)	100.0	3335	1152		1313	NA SERIE	1112
no line	100.0	25	73	500	37.5	12.0	31.6
MINS. Beta based on question Mr. Detail may not and to total betause of runcing. Munre 1834insts, burse on sore of on Shost 10 or from sample cases, is stanishingly sarelish.	ALL may not add	Detail may not add to total because of reserving. Magnets out 10 or fewer sample comes, is statistically coreliable.	stically urreliable		refer to popu	in parentheses refer to population in the group-	4
Table 4. P	lace of re	Table 4. Place of residence of persons committing neighborhood crimes	rsons comm	itting neigh	porhod	crimes	
	(Percent ds	(Precent distribution of responses for the populative age 16 and over)	ses for the popular	tine age 16 and o	ner)		
Population characteristic	fisted	To neighborhood crites	People litting here	Datistones	Equality by both	Don't loow	Not evallable
11) nersons (977,200)	07000	5+1	2772	63.2	9*6	27.75	6.0

Pooulation characteriatic	Sheet	No neighborhood crine	People Maring here	DataSidnes	Equality by both	Don't loow	Not evallable
All persons (937,200)	07000	12	277	0.2	9.6	27.22	670
	100.0	31	28.7	997	25	20.00	0.7
	100.0	377	222	177	672	86.5 84.1	970
Fe-19 (101,300) 20-24 (116,300) 30-36 (201,400) 31-36 (201,400) 56 and core (301,000)	00000 00000 00000 00000 00000 00000	TELLES	245 245 245 245 245 245 245 245 245 245	53333	112123	737772	200001
Victorization coperinos Not victinized (579,200) Victorized (398,000)	100.0	32	110	6.5	22	19.8	870

Table 5. Change in the chances of being attacked or robbed

Spenisher characterists		and the population and to ded over		AND THE R. P. LEWIS CO. L.		
Contraction contraction	Total.	do Schol	San	Option down	The section	
ALL persons (937,200)	100,0	0.00	- 00		and oppositely	No. eracial
Ster.			2300	6.3	2.4	0
Penale (492,400)	20000	270	778	23	27.5	10,1
Widte (697,400)	2007					0.0
other (7,400)	20070		177	11	22	0.2
Age Cres men			1	14.7	19.5	30.0
20-24 (136, 900)	100.0	73.6	5.02	7 11		
24-34 (211,100)	2000	77.0	35.5	900	12	10.2
(Dark (121,000)	100.0	q	i		1.7	0.0
65 and over (87,900)	9 000	9.19	9700	2	24.5	207
Vactinization experience		Sign of the same o	3776	8-7	53	0.0
Not violation (579,200)	100.0	35.6	35-1	17	;	
	1	61.5	30.2	979	200	0.5

Table 6. Seriousness of crime problem relative to what newspapers and television report

	Percent dista	Percent distribution of responses for the population age 16 and over-	for the populata	on age 16 and over)		
Population characteristic	Total	Jess serious	Same	Note serioss	No and also	
All nersons (60° son)					The special section	SOL WELLSOLE
Tare (1)(1) (more)	2000	9.9	52.6	33.7	3.8	9.0
Male (444,700)	100.0	101				
Feasile (492,600)	200.0	2.0	77.5	97.0	9.6	6.0
			2644	3446	3.9	70
Watte (877,400)	0 001					
	Inch.	0.00	2778	67	6+3	1.0
	100.0	10.6	żs	1000	2.9	10.3
3			4000	Or of	15,5	90.0
16-19 (101,300)	0 000					
30-24 (236,300)	0.001	113.0	50.1	35.9	2.4	9
%-% (211,400)	100.0	41.9	80.8	24.42	100	500
35-49 (227,400)	0.000	6.4	0.75	33.0	2.4	100
50-54 (273,000)	100.0	8.2	44.1	33.5	100	10.0
65 and over (87,900)	100.0	200	25.2	34.6		10.0
Octinization experience		2	72.7	7-12	9.0	10.8
Not rictiatized (579.200)	9					
Victinized (355,000)	100.0	21	m e	111	-1	0.4
		744	20.0	9.30	5.5	
Wilk: Data boote on question 15b. De 'Estimate, based on sere or on about	Detact any not not to	total bromme of roge osees, in statistical	Oly neset table.	n permittenes refer to	as refer to population in the greesp.	1

(Thereast distribution of responses for the population age 16 and over.)	apostes for the	panses for the population	age 16 and m	(Lan
opulation characteristic	Total	Sec.	я	Not would aid a
All persons (997, 200)	300.0	377	8.98	17.1
Male (444,700) Penals (492,500)	100,0	10.5	88.2 85.6 8.6	512
Note (697,400) Wate (522,500) Gaber (7,400)	100.0	dan dan	489	1202
Sec. 19 (101, 200) 20-24 (201, 200) 30-24 (201, 200) 30-24 (201, 200) 30-24 (201, 200) 50-24 (201, 200) 50-24 (201, 200)	10000 10000 10000 10000	dinini:	177775	121111
Letinization experience Not violation (579,200) Violatinized (398,000)	10000	23	93.0	11.9
(Percent distribution	of responses for	ð	population age 15 and over)	nd over)
Population characteristic	Total	Ses	8	list arailable
All persons (937,200)	100.0	ä	72.4	5-1
Sec. Male (444,700) Penale (492,500)	100.0	ii ii	50	77
Maco Matte (697,400) Static (75,400) Char (7,400)	100.0	ន់ដីនិ	72.48	44.5
June 10 (100, 200) 20-24 (200, 200) 20-2	100.0 100.0 100.0 100.0	250	233425	583833
Victorization experience New victorization (575,200) Victorization (575,200)	300.0	13.4	55.5	23
SOTS: Date based on question 13b.	Setall say no	or most to to	total because a	f rounding. Figures

OF ALEXANDER CONTRACTOR OF THE PARTY OF THE	Total	very rate	The Contractor		Avadin fran	
All persons (937,200) 10	0.001	28-2	35.1	97	2.5	0.3
Male (455,700) 10 Permile (459,500) 10	100.0	66.5	28.5	77	175 57 Te	22
Matter (697,400) 100 mark (232,500) 100 cher (7,100) 100	100.0	252	255	200	10.0	223
24-25 (GG, 200) 24-25 (GG, 200	10000	11111	19077	perti	17277	20000 20000
6	100.0	44 E	2019 2019 2019	2 52	1 11	100

Table 10. Neighborhood safety when out alone during the day

						-
Population characteristic	Total	Tery stafe	Responsibly safe	South mark	Nery unfait	30) over
Sex and acc					,	10.0
No.				32.0	10.6	200
27 20 710 6003	100.0	72.5	200		10.6	40.3
TO-73 (12) 000	0 001	9.5	n n	1	***	30.0
20-24 (63,100)	100.0	į	25.1	275	200	301
25,34 (105,900)	0.000		20.3	2,8	ã	,
25-10 (107-300)	2000	0.70	7.00	6.5	30.6	0.00
(100 000)	100.0	in the			0.00	50.3
30-cm (000 000) 10-000	0.001	100	976	1-1		
65 and other (10,000)					6	10.2
Persilie		, ,	77.7	272	4.4	100
1000 100 100 100	100.0	1-10	1	**	0	10.1
70-71 (34-70)	100.0	45.4	4.54			10.0
20-21 (73, 300)	0.000		U 71	200	4-10	
100 SOLD 10 TO	100.0	0.07		1.0	0.0	677
The state of the s	1000	10.00	7107			1.0.
(C-76 (120-100)	01000		0.00	0	4+2	1
1007 100 700	100.0	44.0		0.01	4%	970-
í	100.0	0.18	67.6	200		
65 and over Children						
Enco and and						100
NATION OF THE PARTY OF THE PART	2000	0.09	33.8	64		10.0
15,10 (87,900)	40000		7 55	0.7	7.7	1
000 00 000	2000	6770	1		0.0	0.0.
Company (Service)	3000	45.4	T,	***		F. C.
(mp/sct) 15-52	0.000		41.7	0-2	2	
1200 070 miles	0.000	1166		0 1	-	3
200	100.0	20.5	25.00	1	0.0	30.6
(Opt 0.3) 70 C	1000	0 25	177	6*0	200	
(45 and own: (69,400)	0.007	7				1 -1
				1.7	2.5	970
27086	1000	400	29,0	***		10.0
16-10 (30,900)	Topologia (0.71	6.7	Trop.	000
(000 96) 95-05	20010	0.07	1000	0.0	2.6	0.50
1000 000	0.001	44.6	62-69		0.3	5'0"
	2000	8.77	200	0.0		202
(20°00)	0.000	ľ	7.71	6.1	200	1
(00,100)	0.007	7-96		* ***	7	0.5
South Column	1000	77.00	97	240		
of are over (10,200)						

Table 11. Neighborhood safety when out alone during the day

(Parcers distribution of responses for the population age 16 and over)

						40.00
Shoot and on objects and and and	Post	Tery sade	Seasonably safe	Someochait unskilt	Very undaffe	201 373013548
Bace, sex, and age						
Marke					30.0	900
Male (00 700)	100.0	1.1	25.1	60.	30	300
(000 400 AT-00	100.0	25.63	777	P-10	000	0.00
0000 100	100.0	197	22-4	100	10.5	200
and the second	100.0	25.6	27.0	200	10.0	0.7
20-49 (04-00)	100.0	50.3	45.77	672	200	100
50-54 (05)-5(0)	100.0	23.0	37.6	25	677	***
Second community of the last					3.5	10.0
	100.0	28.3	12.4	0	200	10.2
	0.001	40.0	42.4	1.0	-	10.0
100,000	200.0	80.00	43.2	910		1001
	0.000	47.5	43.8	2.5	Trans.	20.0
	100.0	8.05	950	2.0	9 17 7	\$ D. 9
65 and once (41, 500)	100.0	10.1	0.34	g		
Man Man						90.0
Male de son	100.0	60.0	27.72	7	100	9
10-13 (12) 200)	100.0	5.55	35.6	7	200	300
100 to 10	100.0	60.3	250	27.5	200	100
(のます) 大人	0 00	6.49	30.0	0.7	200	
36-49 (36,300)	2000	9 01	0.51	5.5	17.0	9.0
50-47 (TP 300)	100.0	1.71	0.0	22.7	16.0	0.0
65 and ower (8,700)	7000	*	i			
Feedle	0 00.	4 74	19.1	30.4	0.00	2
(001/2) 61-91	100.0	9,7	100	30.5	12.3	10.0
20-24 (30,330)	100.0	i i	100	10.1	0.0	0.0
25, 36, (28, 100)	100.0	77.7		0	3.5	10.9
75-49 (32,300)	100.0	o i	o P		12.5	9.0
00% 00%	100:0	6.0	1.50	79.4	16.3	5.0
65 and over (9,400)	100.0	200	4244			
NOTE: Take based on mention 113-	Detail may not 0	off to total became	ne of rounding. Piggres	in paramiteres refer to population in the group-	population in the gr	-doc
	out 10 or fram s	seple cases, is a	Astistically diffillable.			

			Acceptance of the last of the			
n-dation characteristic	Total	Yery sade	Name of Street, or other Designation of Street, or other Desig	2.98	17.9	5.0
TOTAL	0 000	29.5	5.5	1 400		
All persons (977,300)				141	6.3	3
E. (111 mm)	100.0	30.4	19.5	27.3	28.4	3
Possile (199,600)	700.0	2		1	11.6	63
2	0 900	22.2	42.8	20.0	25.1	600
Outs (697,400)	100.0	14.4	27.2	86.3	11.0	
Hack (434,300)	100.0	No. of			4 /-	10.4
pressure Coloniano			19.2	23.7	16.5	10.3
	100.0	12.0	3 2	23.3	1	10.3
16-19 (101,300)	0.001	13.5	0.00	18.7	1	51
20-3, (135,300)	100.0	21.12	500	0.50	17.1	9.6
25-34 (211,400)	100.0	22.4	60	29.9	777	100
35-49 (227,400)	100.0	751	2000	20.00	707	
A mad Street (87,900)	100.0	13.0	i		7 446	970
STATE OF STA		7 01	62.6	19.0	1000	2.0.2
Mathematical (279, 200) 100.0 15-0 39-6 20.1	10000	19.3	3370	2007	and the first	month).

13 Neighborhood safety when our alone at night

Population characteristic	Total	Topy sade	Reasonably safe	Special unselfo	Wary ansafe	Not arailable
Sex and age						
Nette						202
1009'00'00'0	200,0	30-4	13.1	11.8	3,	100
20-20 (60.300)	200,0	28	200	979	400	
04.34 (105.000)	0.001	25.5	53.2	577	0.4	0.00
100000000000000000000000000000000000000	0 000	6.0	72.3	197	2.4	970'8
(100) (10)	0.001	29.00	0.54	15.0	0*8	6707
(6 and over (16,800)	200.0	20.2	9707	23.5	18.1	500
Description of the last of the						100
(100 (11) 00 75	0.000	7.6	23-7	31.2	27.40	0.00
	0.000	6.2	0,50	30.2	0.0	107
100000	0.000	4.0	41.0	(40.)	100	777
(DO 000) 15-00	300.0	11.7	33-3	242	27.5	101
Series and	0.000	9	20	22.22	32.8	10.
50-56 (91,100)	100.0	2.4	ú	200	32.0	17.2
CONTRACTOR CONTRACTOR						
face out age						
Matte			****	* 45	315.3	10.1
10-10 (67,500)	20070	30.1	200	20.0	2.51	10.4
20-24 (04.900)	100.0	600	200	200		0.00
2007 (1500,000)	0.001	22.6	1977	70.0		900
44 10 (169 200)	100,0	42.6	177	5.85	2 1 2 1	
(00)	100.0	22.2	8.07	4.1	13.0	9
to and owner (50 Acm)	20000	777	No.	100	No.	-
Company of the Compan					0 00	000
14 20 (22 000)	100.0	16.1	2.63	29.6	9000	600
	0 001	12.4	577	970	200	0.0
(m) 10 10 10 10 10 10 10 10 10 10 10 10 10	0 001	II.	62.0	200	21.5	20.5
	0.00	2 11	7 11	53.6	26.7	10.5
35-49 (38,600)	0.000	20.00	20.00	100	28.0	30.6
(26,100)	200.0	1000		9 04	12.8	177
56 and comm (18,300)	0.000	2.2	(4			



to consider moving elsewhere

The properties The					
Part of the control o	Population characteristic	2000	Nes	a	Mrt. available
88 988 98999 99 88 988 98999 38 91 385 93839 38	All persons (964,500)	100.0	377.5	0.69	2.5
(8) (9) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Sor. Male (48,800) Female (275,700)	100.0	13.2	27.00	2.0
100.0 15.5 80.1 10.0 10.0 10.0 10.0 10.0 10.0 10.0	Racte (215,700) Racte (215,700) Race (212,100) Other (2,800)	100.0	12.6	25.50	445
(\$\partial_{\partiil\partiil\partial_{\partial_{\partial_{\partiil\partial_{\partial_{\par	15-19 (34,600) 30-21 (50,500)	100.0	25.6	88.0	44
	25-31 (68,600)	100.0	77	i K	13
Over (LA),500) 1.00.0 7-4 89.7 1.00.0 1-4 89.7 1.00.0 1.00	(00-14) (01-14) (01-14) (01-14)	1000	13	800	152
20.3	55 and over (48,500)	130.0	7-6	17.00	672
	Nothelsellon experimes Not richtmiss (22,000) Technical (107,500)	27007	222	115	253

Table 16. Limitation or change in activities because of fear of crime (Percent distribution of responses for the population age 16 and over)

Pagarie

Will: Jate hard on question lie. betail my not sai to total broane of rounting. in parentheese rater to population in the group.
Totalette bosed on short 20 or fewer sample cases, is prantitionally unwilable.

Pepulation characteristic	Total	Zez	a	Not goatlable	Total	Ses	a	Not synthelic	Control	200	Yes No	Sec. available
All persons (957, 200)	100.0	30.9	25.5	378	100.0	979	1767	6.7	100.0	40.9	587.8	0.3
Sex Male (LLM, 700) Fassic (492,500)	100.0	73.7	21	176	100.0	44	53.2	32	100.0	33.8	97.9	0.3
Nace (697,100) Stack (232,500) Other (7,100)	100.0	282	1255 1258	517	1000	37.9	423	231	100.0	32.6	623 623	200
Mar. 10 (100, 300) 20-24 (136, 300) 37-45 (201, 100) 55-46 (173, 100) 55-46 (173, 100)	888888	452445	Rasana	KARSAR	0000000	124481	988833	rangg.	989888	1822174	79.9868	000000 000000 000000

į		ì								
255	15.2 15.2 15.2	117	100.0	52.2 37.5 31.8	655	237	100.0 100.0	32.0	623	900
125212	alestis.	ZHEBIE	100000000000000000000000000000000000000	124481	d22255	12222	0000000 000000000000000000000000000000	1827113	7999 800 7999 800 7999 800	255550
250	27.8	22	100.0	277	110	55	100.0	38.3	54.6	00

888888 0.001 facted, may may add to bothal because of rounding. Figures to parametrises refer to population in the

DE: lots based on questions 16s, 16b, and 16c.

Not wictingsed (579 Tactingsed (378,000

5
1000 1000 1000 1000 1000 1000 1000 100

(Nervest distribution of asserts by household respendents)

Other and not evallable Characteristics of boom 8 6 9 2504445

Location

Sorbit perion

tack of chalce

Good schools

Seighborhood characteristics

Elegis lived in religitorhood

otel

All households (253,800) Scambbild characteristic

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422222 9.45

3255333 323 Sade from crises

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15.15 15.15	
122 222 222 100 pp	
3122333 21	
17 77 78 80 80 80 80 80 80 80 80 80 80 80 80 80	
gapaaga aa lii	
13.1 13.2 13.2 13.2 13.3 13.5 13.5 13.5 13.5 13.5 13.5 13.5	
1122212 27 222212 27 22222 28 20 2000	
100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	
COMPACTOR OF STATE OF	Nettarto, dame

			-	
(Windship Land			13.4	
00,00	1.1	7.4	10.0	12.5
edemonts.	2	2.2	10.6 10.0	33.6
paramete	38.0	1.9.5	21	-
Townsel Cab	1		119	
Restand chother	2000	1	13.0	
Wanted better	ponte	977	197	7.4.
Characteristics	of house	12.5	13.0	19.8
	Location	8	35.2	57.0
	Total.	100.0	2000.0	100.0
	Office apparent and and	411 hymerholds (253, 800)	Back Water (191,200)	Black (59,900)

Table 20. Most important reason for leaving former residence

Percent distribution of answers by household respondents)

The bed

Bujarr

0.9		10.0	6.0	10-	S. S.	13.5	16.5
	-	152	55.5	2.5	600	10.5	5.0
	1-1	2,95	3.6	20.9	900	100	16
ı.		in:					
-	5.7	21	20.0	322	119	1,00	47
-	117	200	7.64	125	200	123	3
8	33.6	21	19.7	177	100	RES	15.9

37

13

15.9

224255 12.8

1266999 200 any not add to total became our fears needs to black

Data based on question

222

100.0 100.000000

S	
cterist	
cnara	
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2	
•	1

Somethold characteristic Total Tea	Total	i de	1	-
All househadds (423,100)	100.0	1	1	PAR sending
Bace		į	2006	0.0
Marke (712, 300)	100.0			
Gelian (1 mm, 700)	100.0	r i	9000	6.0
force Dispos	100.0	100	500.3	700
Armed fieldy thousa		-	51.3	90.0
Lots than \$2.000 (so ove)				
\$3,000-\$7,499 (eq. 1,00)	100.0	33.6	66.0	
\$7,500-32,000 (10,000)	100.0	27.5	6. 37	20.0
\$20,000-\$14,000 (m area)	100.0	37.2	4 63	2000
#5,000-22, 999 /cs and	100.0	200	200	100
\$25,000 or more (30 tons)	100.0	77.7	100	90.
Not available (the cool	100.0	20.00	3	0,
(mode)	100.0	0.00	100	o d
TOTAL PARK OF EXPERIENCE			1.00	20.7
NOS VACCAMENCE (261,800)	100 -			
Testimized (162, 300)	0.007	800	20.0	
	0.000	42.5		ca.
TOTAL Data based on guareforn Co. p.				
in permittages rafter to because	N 101 AN 101 M	add to total because of rounding.	Saste of Tour	ine. Diamer
Tationite, bated or rem as a	A 100 M	6		10000

Table 22. Most important neighborhood problem

		manufacture and control and	8.0		12.	0.0	72.0	0 % c	0.5	17		77	
		m(g)bers	26.7	į	15.7	Š	12.5	12.6	19.7	17.9	34.5	15.5	TORD?
	Tather of	bad elements	6.3	7.3	8.0		72	t-m nti-	25.77	es con	6.5	6.4	interchilds in the group,
(audente)	Inadequate	scootts, shopping	5.0	1-1	20.0	· A	(1,	n o c	74	ì	5.7		and a refer to impact
(Percent distribution of answers by household respondents)	Public		9.7	t-0		32.6	20.0	212	217		9 K		Mile.
Control of the last	į,	1	9.6	10.1	9.0	13.7	94	32			12.9	1 1	Table 1
tribution of	April comments	7.67		N IN	157.5	42.5	19.0	121	100	1 72	100	because of round	Statistical.
(Percent dis	front fractic, parting	10.2	* 67	97	(1)	100	600	202	13.6	11.9	8.4	Te la	owine 1000s, 12
	Total	100.0	100.0	188.0		100.0	100.0	200.0	100.0	100.0	200.0	In may not	
	Monsebuld characteristic	ALL households (345,800)	Marte (100, 800)	Char (*600)	Agental fundly datems Letter than 23,000 for your	\$5,000-47,4999 (35,900)	20,000-21, 999 (11,000)	ES,000 or more (7,800)	Metinistica appriane	Mc Victimized (76,800)	MORE Date been	it i	

Table 23. Whether or not major food shopping done in the neighborhood

umbbil characteristic	Total	Nes	e e	Not evailable
All heuseholds (L2L,100)	100.0	65.0	977	7-0
Mile (318,300)	100.0	69.2	10.3	4.6
Back (102, 700)	200.0	72.1	27.5	10.4
thur (3, 200)	100.0	23.4	9.60	10,0
and forthy inone				
ass than \$3,000 (30,700)	100.0	25.0	24.46	304
3,000-87,499 (99,100)	300.0	0.00	37.6	30.5
7,500-89,999 (49,400)	200.0	96.0	12.0	0 0
10, coc-814, 999 (87, 900)	2007	98.0	37.8	20.02
15,000-821,999 (54,800)	100.0	55.7	10.1	10.1
25,000 or nore (28,100)	100.0	7766	10.6	30.0
ot smallable (39,600)	100.0	88.0	127	6.1
tindastion experience				
M. Victimized (351,400)	100.0	4.6	13-5	970
carmined (10c, Std.)	100.0	6.7	26.20	30.4

Table 24. Most important reason for not doing major food shopping The based on question for Drietl may not add to total became of remediag. Theres is preschoos or actor to knowledge the prosp.

**Cartanta, based on when one for on about 10 or from Smalls comes, in mandantically unrelable. in the neighborhood

(Percent distribution of answers by household peppondents)

wradiable

All bouneholds (61,900)	300.0	100	26.8	36.8	10.4	1
2nos						
	100.0		4.55	20.0	80.0	
	100.0	28.2	7 60	1		
Other (900)	200.0	123.0	100 0	220.5	100	
Arrest factly theres						
Total 69mm 55 000 (13 000)	100 0	10.0				
	01007	92.5	0.64	40.00	*0.0	
23, con-a7, 459 (17, 400)	100.0	S FR	7.74	87.56	30.0	
87,500-89,999 (6,100)	100.0	25.5	100	25. 2	23.7	
\$10,000,014, 990 (10,400)	100 0					
		200	C-107	0.00	40.0	
(m) // 666 - m / 676	2001.0	58	12.7	7777	a di	
\$25,000 or nore (3,000)	100.0	15.0	8.00	115.9	10.0	2
Not available (4,800)	100.0	7,00	-	70.00	17.0	ä
Platfological americans						
Mot of etimesed (3a. 600)	1000	* 0.		-	30.0	,
Monthedwood (27 100)	100.0		2002	1		1
Accountable (#1,200)	2000	2.0	9,70	40-4	40.6	

(Percent distribution of asswers by household respondents)			
Exampled characteristic Total s	Subsection or Seligible hood	Dountoes	Not swatlable
421 households (424,200) 100.0	63-0	15.0	1.0
(318,300)	586.2	20.0	,
Stark (102,700)	67.5	* 0	
(2°300)	68.1	121.0	27.0
fastly inches			
(40 200)	. 77	-	
20-87,499 (90,100)	200		200
CONT. 100 000 (10 000)	20	97.0	6.0
COURT OUT (NO 1991)	0.00	4554	977
DODG (00',)00) 100.0	0.752	9.5	5.7
2,999 (64,800)	90.7	0.7	1.7
300 or serve (38,100) 300.0	90%	8.7	N. O.
wailable (99,600) 100.0	5.5	11.6	20.00
Not wirelinging (Zhi, 200) 100.0	25.7	23.5	2.0
Mctinized (262, 300)	9.83	377.0	0

Table 26. Most important reason for usually doing general merchandise shopping in the suburbs (or neighborhood) or downtown

			(Percent dis	tribution of	(Percent distribution of answers by household respondents)	id respondents)				
Type of emopper and	2	Batter	Setter transportetion	Nore convenient	Batter selection, nors stores	Ories to other location	Sector store bours	Setter prices	Freier stores, location, etc.	Other and not evailable
Scheelen (or nelellorined)										
shoppers	200,0	12,48	1	66.2	\$25	0.3	70		17	9*7
Back actre (220,700) Back (59,300)	100.0	527	333	25 ES	323	100	1000	723	919	123
Other (2,300)	20070	12.00						,	· ·	1.4
James featly intess Lass thin \$3,000 (33,500)	100.0		23	6729	200	500	000	123	190	170
20,500-29,599 (L2,400)	20000		10.5	35	in.	10.7	10.5	275	2,50	17:
215,000-251,999 (SZ,L00)	100.0	100	10.5	122	113	10.0	10.0	55	11	11
	200.0	12.7	177	5.09	22	30.2 20.1	10.2	12	3.9	31
Doestown shoppers	0.001	1,0	000	6707	24.5	30.6	1001	20	6.3	3.2
(31,700)	0.001			15.2	19	10.6	200	7.7 8.0 8.8	253	11.0°
Octor (1800)	0.001			900	1				;	12.0
Married Fredly Income	1000			9.7	22.1	10.6	000	7-9	10,	ij.
8.	100.0			25	14	000	0.0	16.0	6.46	19
	100.0			97	iñ	977	900	0.01	120.0	15.3
\$25,000 or note (2,400)	100.0	123	22.5	12	25.2	900	000	76	13.5	6.0
	0.001	15	102	39.7	1 9 P	10.9 10.0	30.0	9.0	m 0-6	250
	75. Betad	Setail any Di	not add to total because of rounding.	Se practical	unding. Rigares to contry screttishie.	figures in paramithees refer to homestolide in was group- reliable.	or to location			

Table 27. Change in the frequency with which persons went out for evening entertainment

133 mercen (G29 2003			į		HOL SYNCLES
	200.0	19.3	19:1	37.4	170
Male (144,700) Female (492,600)	20070	6.00	100	35.8	33
Matter (697,400) Matter (252,500) Other (7,400)	2000	200	317	755	20.2
	300.0	9	100	22.5	100
20-24 (236,300)	300.0	2	8	17	0.0
~	100,00	12.0	11	36.6	10.0
90-64 (173,000) 65 and over (87,900)	100.0	22	57.9	22.5	30.0
Intimization experience Not vietimized (579,300) Mictimized (358,000)	20070	977	27	579	10,2

frequency
the
decreasing
ĕ
increasing
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reason
important
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Table 28.	Most	impo	tant re	Most important reason for increasing or decreasing the frequency with which persons went out for evening entertainment	increa out for	ising or evenin	decr d entr	easir ertair	ig the fre	dne	cy	
	2	ancent d	atribition	Percent distribution of responses for the jopilation age 16 and critz)	Or the	population	97. 0.00	and critic				
Type of charge in frequing	Total .	Kenty	Haces to go, etc.	Conventance	See characters	Transpor- tation	ě	Partly	Activities, etc.	Selection	Mart to, etc.	Other and prelimite
Persons going out nore offen	9000	199	15.4	12	3	376	3	8.1	17	10,1	17.5	÷
Sec. (88,500)	100.0	85	77	725	31	35	4.5	110	92.5	*0.0 *0.1	19.2	5.5
Base Mitte (142,300) Marke (25,700) Other (1,700)	999	100	218	3.5	323	177	7.4	2345	9.1	0.04	16.0 23.1 131.1	12.25
	0.000	331313	455 455 455 455 455 455 455	333323	333323	255 255 255 255 255 255 255 255 255 255	25,20,12	125000	7177777	000000	17.6 17.6 18.3 19.7	4000000
Violiniantes esperimes Violiniantes esperimes Not virtualized (98,700) Violiniantes (82,400)	100.0	17.5	15.2	27	9.0	25	22	20.9	6.9	30.0	18.2	25
Persons gaing out less often All persons (350,800)	300.0	22.8	3	8	376	25	5	ğ	977	54	107	6.2
Sec. Nois (199,300) Femile (191,400)	0,001	20.0	22	33	23	52	3.5	34.5	17.1	22	9.5	23
Pascs Notice (200,200) State (111,000) Orbor (1,000)	0.000	28.5	223	10.7	223	323	525	282	13.5	244	8.9 12.6 16.1	239
	100.0 100.0 100.0 100.0 100.0	192222	312731	000 000 000 000 000 000 000 000 000 00	131231	133311	110353	468844	SHEEFS	112121	252444	3257333
	0.001	22.4	33	20	28			88	1.9 25.2 33.4 h.3 9.7 1.9 25.2 16.3 1.4 10.2	54	10.8	33
n spission for			Detail may not ask to total be bout 10 or finer steple cases,	2 2	recoding.	comme of requiring. Figures in is statistically wreliable.	.53	Charme	Neith to pay		100	5

	Table 29. Places usually visited for evening entertainment (freein distribution of response for the population age 16 and ever)	reint distribution of resp	(Percent clarabation of response for the population age 16 and over)	* 16 and over)	
Population characteristic	Total	Inside city	Outside eity	About equal.	Not syntlable
All persons (688,700)	10000	90%	2	0-7	10,1
Nale (346,500) Penale (341,500)	07007	8706	11	0.75	0.04
Marker (542,600) Marker (199,700) Otherr (6,400)	0.000	55.59	222	444	10.1
16-19 (89,200) 20-24 (122,700)	100.0	2.8	- 3X	35	20
35-49 (160,100)	100.0	20.1	11:	13	10,0
65 and over (32,300)	100.0	999	22	72.0	30.0
Notimisation experience Not wictimized (LOT, 900) Victimized (281, 200)	200.0	99	53	40	10.1

	8	Parcers distribution of responses for the population age in	tion of rest	COLUMN TOT NOW P	Spirit and				
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stico characteristic	TOTAL	-							;
Persons entertained inside city	10070	78-2	9.0	0.2	7.1	777	3	7	275
Sec. (315,100)	905	222	0.7	200	22	11	6.40	22	777
Prants (310,500) Race (429,900) Elack (429,900)	0.001	525	300	332	222	12.6 6.9 11.5	1.0	220	27.0 27.0 27.0
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	2000	1 25	23	20	32	11	22.5	3.0	72
Torsons entertained outside city	100,0	766	3	77	377	ŝ	7,	11.3	9.1
20x (17,600)	300.0	25.2	23	27	12.2	22.55	2.8	117	12.0
Sace (17,500) Sace (4,500) Elack (4,400)	999		25,00	32,00	3100	28.7	3.5 12.3 10.0	24.5	37.0
Caber (2000)			7 34	127	30.0		35.5	777	12.7
16-19 (5,700) 20-24 (8,300)	900		137	12.0	13		16.9	900	25.9
100 mm m	100	125	207	111	0 0 0	197	10.0	19.7	320.0
50-64 (8,340) 65 and orest (2,000)	100		1200	2000			100	900	7.6
Netterination experience Not victinized (23,200)	2007	17	92.1 6.9 11.7 12.1 34.2 6.7 15.8 10.0	127	0.0	١	55.5 19.3 12.6	32.6	

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Applation characteristic	Total	Good	lorrage	Poer	Don't know
alle pre vie					
Made and the face for face for face	1000	5	0.07	150	3.4
(2016 cy) (57-97	100.0	30.9	797	19.3	2.0
25-24 (105-900)	100.0	11.75	5777	17.7	2.9
35-49 (107,300)	100.0	8.57	9	10.9	100
50-64 (82,000)	100.0	200	200	33	22
ŝ		ì			
14-19 (92-200)	3,000.0	979	54-8	977	2
	100.0	26.	20.00	25	n e
25-38 (105,100)	0.00	7.	656	10.1	44
35-29 (200,000)	100.0	10	5	5.7	100
(Card Cart (37,100)	100.0		23.52	Z	977
lace and age					
Wifte	0.000		0 00		2.5
16-19 (67,900)	100.0	200	0 0 0 0	17.0	10
20-22 (36,600)	0.00	0.01	100	17.5	1
	100.0	78.0	6.55	673	600
(M) (M)	100.0	25.0	25.50	Į.	2.9
65 and over (69,600)	100.0	797	30.3	651	9.1
		,		,	* 3
(206 25) 67-97	100.0	10.7	4,60	20.0	r to
	0.000		1 2	1.00	0
200 March 100 Ma	100.0	22.5	55.2	197	275
	0 001	0,00	47.0	10.3	7
65 and more (18, 20)	100.0	100	0.1	25.4	8.1

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	(Percent dist	ribation of rumo	December distribution of runnerses for the round sales			
Population characteristic	704-2	Seed	Average	The age to the	1	
Mice, rec, and age					DOD'T KOOM	Not available
100						
26-29 (33,900)	300.0					
30-51 (46,300)	100.0	Ç,	90.0	27.5	1.00	001
(80°,000)	100.0	e e	19.0	25.3	17	000
(00,00)	100.0	1 7 0	î	12.3	2,7	100
(00°,00)	100.0	3	27.4	-	3.2	000
Face) - and over (28,100)	100.0	27.7	0,00	5.7	3.1	d
	1000			3	5.6	0.0
	100.0	90.00	199.1	0.3		
25-41 (36, 100)	100.0	ž	ö	1.0	1	0.0
33-49 (86,100)	100.0	200	47.1	10.0	0.71	3.0.
	0.000	7007	0.000	8.2	10	100
65 and over (42, 500)	100.0		e i	4-5	15	0,000
Mack		4400	0.10	3.6	12-4	101
Male						
16-19 (15,500)	100.0	,				
20-31 (15,400)	0 001		1.07	23.7	0.4	
(22,400)	0.001	146.3	di	33.3	977	
(B) (B) (B) (B)	100.0	22.8	2 1	ri	15.3	0000
(me'er) to-de	100.0	2.5	ł	0.87	4-0	101
55 and over (6,700)	300.0	157	200	10.4 20.4	5.0	100
16-19 (17 Am)	-			441	33.5	10.0
30-24 (30,300)	100.0	20.0	il.	31.9	*5	
	0 000		23.0	27.5	1.1	717
35-49 (34,300)	100.0	20.1	1111	30.8	0	000
179, 200	200.0	100	20.00	25.7		000
b) and over (9,500)	100.0	15.0	7 0	10.1	5.2	30
SOUTH Date beauty or come			i	7997	12.2	17.0
with 14th Damed on Constiton 164.	Detail any not set on corn	Section Designation				

Table 34. Whether or not local police performance needs improvement

					spaau	old III	needs improvenien						
		5	brount dis	(Teroent distribution of responses for the population ago in and over)	of respon	ses for t	he populat	Sec age	in and one	-	ı		
	12	Population characteristic	racterists	,		Total	Yes		a	Not aradlable	lelle		
	1	All person	01 persons (856,000)	(i)	-	07001	5762		7.3	2			
	4	Male (429,100) Fessie (465,800)	(00)		nn.	0.000	88		27.0	10.00	-0.07		
	a	Marte (667,700) Mark (22,100) Other (7,100)	880		AAA	100.0	8.52	_	222	25.2	0.00-1		
	2	16-18 (97,400) 20-24 (125,100) 20-24 (125,100) 50-44 (125,200) 60-44 (125,200) 60-44 (125,200) 60-44 (125,200)	19 288888		annana	000000000000000000000000000000000000000	21725		127227	422223	n n n n n n n		
	g.	Notinisation experience Not richtmissed (519,000) Tactionised (547,000)	merico) (%3,000)	, (i)	-	100.0	90.1		45.7	23	W		
	Table	Topicity, base on sear, to of force amps eners, in statistically mentals. Table 35. Most important measure for improving local police performance from the search of the	impor	ainh, baied on about 10 or front ample elette, its statistissalty are lateste. Most important measure for improving local police from the statistics of recons for the portable are it and over?	easure	for in	n, is stat nprovir	in see 1	al polic	e perfe	orman	8	
		1			1	l			Age				Pieries
Noth Saportunt nessure	222 paraeess (657,400)	Mal. (325,60		Macte Stade Other (447,500) (164,400) (5,500)	Stack (164,400)		26-25 (60,400)	100 (00 (6)	25-25 12-1700)	35-49	50-6s over 0 (32,000) (51,000)	65 und over (51,100)	Not victint (392,3
Total	300.0	100.0	0,000	20000	30070	2007	07001	30000	3000	20070	300.0	300.0	7007
Personnal resources Total Mary police Setter training	444	977	550	191	772	177	131	49.1 49.1	191	2.54 7.5	24.4 4.4 4.7	61.7	84.
Operational practices fotal	3.6	27.7	177	8.1	972	5170	0.24	7	700	22.2	8	23.7	r.
Pecus on more importants detition, etc. Greater promptones, etc. Necrement transfer control	341	133	20.7	223	957	131	231	244	252	323	22.1	112	5.44
More police certain gress, times	13.4	707	223	9.6	277	7-61	15.7	10.3	32.6	Ti.	5-5	90	30.
Community relations Total Courtesy, attitudes, etc. Don't disoplations	535	44.6 6.64 6.64	22.2	122	125	123	312	323	211	133	211	12.7	2 6.4
Other		979	7	7	J	O'Gs	5.3	5.8	2-6	7,2	3.6	1.7	4

Tetimized (265,200)

337 2

Table 36. Most important measure for improving local police performance

(Percent distribution of responses for the population age 16 and core)	onder J	es for the po	pulation age 16	and over!)		
Population characteristic	Tetal	Fersonsal	Operational	Companially	Chler	
Sox and age						
75.76 (40 600)	300.0	0 00	12.3	20.3	4.4	
32.24 (12.000)	100.0	7.57	38.3	22.1		
(a) ya yau	100.0	8.6	1	77.71	2.6	
35.40 (77, 920)	200.0	57.4	0,4	37.6	8.8	
90-61 (62,000)	300.0	9.50	20.7	20.2	7.4	
65 and over (25,300)	100.0	66.7	77/0	3.6	3.2	
Yearle						
	2007.0	0.0	4.1	22.2	de-1	
	100.0	30.7	10.0	13.7	2.0	
	1000.0	44.0	9,00	11.2	3.5	
35-49 (43,700)	100.0	25.4	28.5	27.5	2.1	
	580.0	63.3	ņ	7.	7.	
65 and over (25,900)	100.0	0.7.0	0.17	100	N.	
Sace and age						
Marke	0 000			;		
	20000	Ř.	7	93	7	
20-01 (10,900)	100	is	i i	0	C	
	0 00	6.0	20.00		9	
10.00 (98.00)	200.0	9.69	26.0	10.4	9%	
65 and over (19,600)	100.0	27.6	39.4	4-3	9-4	
Holk				1		
19-73 (55,500)	0.7007	7.	200.3	23.0	2	
	2007.0	15.8	64.5	n i	7.0	
ŝ	10000	9	43.0	27.7	2	
	200.0	s, g	67.24	23.6	3.5	
50-64 (24, 500)	2007-0	33-8	in sh	77	2.5	
65 and over (11,300)	200.0	202	500	9.6.0	15.2	
NOTE: Bata based on scoetion 113-	Detect :	may not add to	to total became of roundarks		Pigureo	
		ģ				
"Nettingto, hoped on stout 20 or 2	Coner same)	de cates, 4s	is statistically unreliable.	reliable.		

local police performance

Survey instrument

Form NCS 6, the attitude survey instrument, contains two batteries of questions. The first of these, covering items 1 through 7, was used to elicit data from a knowledgeable shall member of each household (i.a., the household respondent). Questions 8, and one of the content of the content of the member age 16 and over, including the household respondent. Unlike the procedure followed in the victimization component of the survey, there was no provision for proxy responses on behalf of inthematic of the content of the proposal of the content of the provision of the content of the proposal of the content of the the interviewing account of the proposal of the content of the the interviewing account of the proposal of the content of the the interviewing account of the proposal of the content of the content of the proposal of the content of the content of the content of the content of the proposal of the content of the content

Data on the characteristics of those interviewed, as well as details concerning any experiences as vicinities of the measured crines, were guithered with heyer area instruments. From NCS 3 and 6, which were a few or the control of the state questionnaire; supplemental a faciantil of the latter questionnaire; supplemental or fines were available for use in households where more than three persons were interviewed. Plactually, and the state questionnaire is supplementally as the control of the state of the control of the contro



-		55 - As	t each respectable member 16 or offer
-	Cita reces Asses Asses Asses	-1	CHECK & Law of the seath. Was ten 3 or 4 market in sides from?
(10)	Contract page	1	ITERS 9 CHI-MEIN DE-MPHO
-	\$1, Year other 60 year go had in the evening for extends ment, such as to set bosonia, Strates, etc.2	- -	()c. is the miligitachood diagnosus enough its node you thigh sectionally about moving consenters else? 1 □ 100 - 200 ft to 77
(iii)	1 Dick a nick or one 4 7 2 to 3 times agen	100	Tes - May del'T you? Any other sensent asset all that explo-
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	b. Bo you go to have places note or less has than you did a year	-1	5 Believes, August nearby 7 Giner - Apocaly or
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ഞ	c. Which reserve would you say in the post important?	(60)	(Te Yo - Mith sedietist
60	for ive salar	· (S)	
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	ITEM A P bo - pair in do 500 - 444 do	-1	b. For about AT NIGHT - are flow some pods of Bis area where you have a
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660	t ∏ Ellinoidly in the city	(10)	+ One Sco - Malch profiss)(7
_	3 Study subids of the city at 1830st equal — \$100 so bu	000	
			4 Vander H Aprolis places and based
	e. My de you exactly go outside the sity its the eit;c? Any other		 Would pay top, in general, that your local politics are string a good 3ds, or evenues job, or a pass job?
€®	MERCE (price of electrons): More consistent, bend to assert by get there, only place and later.	60	(C) Good a period (c) or a period (c)
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	n thus to do	(40)	
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		1	Of your day on said
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	 Fee per Birking about my specific kinds of crime where you said you blink crime in your neighborhood has claustood incompate! 	640	Esta de contra
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			genes because of other?
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Technical information and reliability of the estimates

Survey results contained in this publication are based on data gathered during early 1974 from persons residing within the city limits of Houston, including those living in certain types of group quarters, such as dormitories, rooming houses, and religious group dwellings. Nonresidents of the city. including tourists and commuters, did not fall within the scope of the survey. Similarly, crewmembers of merchant vessels, Armed Forces personnel living in military barracks, and institutionalized persons, such as correctional facility inmates, were not under consideration. With these exceptions, all persons age I6 and over living in units designated for the sample were eligible to be interviewed.

Each interviewer's first contact with a unit selected for the survey was in person, and, if it were not possible to secure interviews with all eligible members of the household during the initial visit, interviews by telephone were permissible thereafter. Proxy responses were not permitted for the attitude survey. Survey records were processed and weighted, yielding results representative both of the city's population as a whole and of various sectors within the population. Because they are based on a sample survey rather than a complete enumeration, the results are estimates.

Sample dasign and size Estimates from the survey are based on data obtained from a stratified sample. The basic frame from which the attitude sample was drawn-the city's complete housing inventory, as determined by the 1970 Census of Population and Housing-was the same as that for the victimization survey. A determination was made that a sample roughly half the size of the victimization sample would yield enough attitudinal data on which to base reliable estimates. For the purpose of selecting the victimization sample, the city's housing units were distributed among 105 strata on the basis of various characteristics. Occupied units, which comprised the majority, were grouped into 100 strata defined by a combination of the following characteristics: type of tenure (owned or rented); number of household members (five categories); household income (five categories); and race of head of household (white or other than white). Housing units vacant at the time of the Census were assigned to an additional four strata, where they were distributed on the basis of rental or property value. A single stratum incorporated group quarters.

To account for units built after the 1970 Census, a sample was drawn, by means of an independent clerical operation, of permits issued for the construction of residential housing within the city. This enabled the proper representation in the survey of persons occupying housing built after 1970.

In order to develop the half sample required for the attitude survey, each unit was randomly assigned to 1 of 12 panels, with units in the first 6 panels being designated for the attitude survey. This procedure resulted in the selection of 6,199 housing units. During the survey period, 1,139 of these units were found to be vacant, demolished, converted to nonresidential use, temporarily occupied by nonresidents, or otherwise ineligible for both the victimization and attitude surveys. At an additional 194 units visited by interviewers it was impossible to conduct interviews because the occupants could not be reached after repeated calls, did not wish to participate in the survey, or were unavailable for other reasons. Therefore, interviews were taken with the occupants of 4,866 housing units, and the rate of participation among units qualified for interviewing was 96.2 percent. Participating units were occupied by a total of 9,748 persons age 16 and over, or an average of 2.0 residents of the relevant ages per unit. Interviews were conducted with 9,357 of these persons, resulting in a response rate of 96.0 percent among eligible residents.

Estimation procedure Data records generated by the attitude survey were assigned either of two sets of final tabulation weights, one for the records of individual respondents and another for those of household respondents. In each case, the final weight was the product of two elements-a factor of roughly twice the weight used in tabulating victimization data estimates and a ratio estimation factor. The following steps determined the tabulation weight for personal victimization data and were, therefore, an integral part of the estimation procedure for attitude data gathered from individual respondents: (1) a basic weight, reflecting the selected unit's probability of being included in the sample; (2) a factor to compensate for the subsampling of units, a situation that arose in instances where the interviewer discovered many more units at the sample address than had been listed in the decennial Census; (3) a within-household noninterview adjustment to account for situations where at least one but not all eligible persons in a household were interviewed (s) at household nonliveriewe adjustment to account for household qualified to participate in the survey but from which an interview was not obtained; (s) a household ratio estimate factor for bringing estimates developed from the sample of 1970 housing until into adjustment with the comprehence of the compr

The household ratio estimation procedure (see) scheme a slight reduction in the text of sampling variability, thereby reducing the nargin of error in the tubulscad curvey results. It also compensated for the exclusion from each stratum of any household strainly included in samples for certain other Census Bureau programs. The household visculation applied to interview records cultimated was made applied to interview records cultimated with the sample of the strainly of the samples of the samples

The ratio estimation factor, second element of the final weight, was an adjustment for bringing data from the attitude survey (which, is, indicated, was based on a half sample) into secord with data from the victimization survey (based on the whole sample). This adjustment, required because the attitude sample was randomly constructed from the victimization sample, was used for the age, sex, and race characteristics of resmondent.

Reliability of estimates

As previously noted, survey results contained in this report are estimates. Despite the precautions taken to minimize sampling variability, the estimates taken to minimize sampling variability, the estimates the properties of th

sample approximates the average result of all possible samples. The estimate and its associated standard error may be used to construct a confidence interval, that is, an interval having a prescribed probability that it would include the average result of all possible samples. The average value of all possible samples may or may not be contained in any particular computed interval. However, the chances are about 68 out of 100 that a survey-derived estimate would differ from the average result of all possible samples by less than one standard error, Similarly, the chances are about 90 out of 100 that the difference would be less than 1.6 times the standard error; about 95 out of 100 that the difference would be 2.0 times the standard error; and 99 out of 100 chances that it would be less than 2.5 times the standard error. The 68 percent confidence interval is defined as the range of values given by the estimate minus the standard error and the estimate plus the standard error: the chances are 68 in 100 that the average value of all possible samples would fall within that range. Similarly, the 95 percent confidence interval is defined as the estimate plus or minus two standard errors.

In addition to sampling error, the estimates presented in this report are subject to nonsampling error, chiefly affecting the accuracy of the distinction between victims and nonvictims. A major source of nonsampling error is related to the ability of respondents to recall whether or not they were victimized during the 12 months prior to the time of interview. Research on recall indicates that the ability to remember a crime varies with the time interval between victimization and interview, the type of crime, and, perhaps, the socio-demographic characteristics of the respondent. Taken together, recall problems may result in an understatement of the "true" number of victimized persons and households, as defined for the purpose of this report. Another source of nonsampling error pertaining to victimization experience involves telescoping, or bringing within the appropriate 12-month reference period victimizations that occurred before or after the close of the period.

Although the problems of recall and telescoping probably weakcoad the differentiation between vietims and convictims, these would not have affected the data on personal attitudes or behavior. Nevertheless, such data may have been affected by nonsampling errors resulting from incomplete or errortous responses, systematic mistakes introduced by interviewers, and improper coding and processing of data. Many of these errors also would occur in

a complete census. Quality control measures, such as isotrieveer observation and a reinterview program, as well as edit procedures in the field and at the detrical and computer processing stages, were stilized to keep such errors at an acceptably low level. As calculated for this survey, the standard erors partially measure only those random nonsampling errors a rating from response and interviewer errors; they do not, however, take into account any watenatic binace in the data.

Regarding the reliability of data, it should be noted that each mates based on zero or on about 100 fewer sample cases have been considered unreliables, sche estimates are identified in footnotes to the data tables and wore not used for purposes of naslysis in his report. For Houston, a minimum weighted estimate of 800 was considered statistically reliable, as was any percentage based on such a figure.

Computation and application

For survey estimates relevant to either the individual or household respondents, usuald errors displayed on tables at the end of this appendix can displayed on tables at the end of this appendix can consider the end of the end of the end of the end of the magnitude of the standard error rather than the precise error associations and suggest an order of magnitude of the standard error rather than the precise error association and end of the end of the end of the standard error open and end of the end of the end of the best of the end of the end of the end of the end of the help of the end of the end of the end of the end of the help of the end of the end of the end of the end of the help of the end of the end of the end of the end of the help of the end of the end of the end of the end of the help of the end of the end of the end of the end of the help of the end of the end of the end of the end of the help of the end of the end of the end of the end of the help of the end of the end of the end of the end of the help of the end of the help of the end of the help of the end of the help of the end of the help of the end of

proximate the standard error. To illustrate the application of standard errors in measuring sampling variability, Data Table 1 in this report shows that 75.7 percent of all Houston residents age 16 and over (937,200 persons) believed crime in the United States had increased. Two-way linear interpolation of data listed in Table I would yleid a standard error of about 0.5 percent. Consequently, chances are 68 out of 100 that the estimated percentage of 75.7 would be within 0.5 percentage points of the average result from all possible samples; i.e., the 68 percent confidence interval associated with the estimate would be from 75.2 to 76.2. Furthermore, the chances are 95 out of 100 that the estimated percentage would be roughly within 1.0 percentage point of the average for all samples; i.e., the 95 percent confidence interval would be about 74.7 to 76.7 percent. Standard errors associated with data from household respondents are calculated in the same manner, using Table II.

In comparing two sample estimates, the standard error of the difference between the two figures is approximately equal to the square root of the sum of the squares of the standard errors of each estimate considered separately. As an example, Data Table 12 shows that 30.4 percent of males and 9.6 percent of females felt very safe when out alone in the neighborhood at night, a difference of 20.8 percentage points. The standard error for each estimate, determined by interpolation, was about 0.8 (males) and 0.5 (females). Using the formula described previously, the standard error of the difference between 30.4 and 9.6 percent is expressed as $\sqrt{(0.8)^2 + (0.5)^2}$, which equals approximately 0.9. Thus, the confidence interval at one standard error around the difference of 20.8 would be from 19.9 to 21.7 (20.8 plus or minus 0.9) and at two standard errors from 19.0 to 22.6. The ratio of a difference to its standard error defines a value that can be equated to a level of significance. For example, a ratio of about 2.0 (or more) denotes that the difference is significant at the 95 percent confidence level (or higher); a ratio ranging between about 1.6 and 2.0 indicates that the difference is significant at a confidence level between 90 and 95 percent; and a ratio of less than about 1.6 defines a level of confidence below 90 percent. In the above example, the ratio of the difference (20.8) to the standard error (0.9) is equal to 23.1, a figure well above the 2.0 minimum level of confidence applied in this report. Thus, it was concluded that the difference between the two proportions was statistically significant. For data gathered from household respondents, the significance of differences between two sample estimates is tested by the same procedures, using standard errors in Table

Table I. Individual respondent data: Standard error approximations for estimated percentages

		Declarated	Seminary of assessed by	Confidential from the contraction		
Sase of percent	1-0 or 99:0	2.5 or 97.5	5.0 or 95.0	15.0 cr 90.0	25.0 or 35.0	3
######################################	<u> </u>		22222442332	[2127177713]	12724228328	32352534453

²²² 300,000 1,000,000 MOTE: The standard servers

Tables 1-15 and 27-37.

Table II. Household respondent data: Standard error approximations for estimated percentages

(58 changes out of 100)

	Strikelyed percent of as	Dilleres he hernahed a sometimes		
211111211221 211111211221	77.5 5.0	97.0 a 90.0 ar 90.0	25.0 or 75.0	8
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212777233	9.1		100-1	45.
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333				
75			2 1	•
		90	7.0	41
20		100	949	5 6

Glossary

- Age—The appropriate age category is determined by each respondent's age as of the last day of the month preceding the interview.
- Annual family income—includes the income of the household head and all other related persons residing in the same household unit. Covers the 12 months preceding the interview and includes wages, salaries, net income from business or farm, pensions, interest, dividends, enet, and any other form of monetary income. The iscome of persons unrelated to the head of household is available.
- Assault—An unlawful physical attack, whether aggravated or simple, upon a person. Includes attempted assaults with or without a weapon. Excludes rape and attempted rape, as well as attacks involving theft or attempted theft, which are classified as robber.
- Burgiary—Unlawfui or forcible entry of a residence, usually, but not necessarily, attended by theft. Includes attempted forcible entry.
- Central city—The largest city of a standard metropolitan statistical area (SMSA).
- Community relations—Refers to question 14b (ways of improving police performance) and includes two response categories: "Be more courteous, improve attitude, community relations" and "Don'd discontinents"
- improve attitude, community relations" and
 "Don't discriminate."

 Downtown shopping area—The central shopping district of the city where the respondent lives.
- Evoning entertainment—Refers to entertainment available in public places, such as restaurants, theaters, bowling alleys, nightcubs, bars, ice cream parlors, etc. Excludes club meetings, shopping, and social visits to the homes of relatives or sequentiances.
- General merchandise shopping—Refers to shopping for goods other than food, such as clothing, furniture, housewards, etc.
- Head of household—For classification purposes, only one individual per household can be the head person. In husband-wife households, the husband arbitrarily is considered to be the head, in other households, the head person is the individual so regarded by its members; generally, that neerson is the chief breadwinner.
- Household—Consists of the occupants of separate living quarters meeting either of the following criteria: (1) Persons, whether present or temporarily absent, whose usual place of residence

- is the housing unit in question, or (2) Persons staying in the housing unit who have no usual place of residence elsewhere.
- Household attitude questions—Items I through 7 of Form NCS 6. For households that consist of more than one member, the questions apply to the entire household.
- Household larceny—Theft or attempted theft of property or each from a residence or its immediate vicinity. Foreible entry, attempted foreible entry, or unlawful entry are not involved.
- Household respondent—A knowledgeable adult member of the household, most frequently the head of household or that person's spouse. For each household, such a person answers the "household attitude questions."
- Individual attitude questions—Items 8 through 16 of Form NCS 6. The questions apply to each person, not the entire household.
- Individual respondent—Each person age 16 and over, including the household respondent, who participates in the survey. All such persons answer the "individual attitude questions."
- Local police—The police force in the city where the respondent lives at the time of the interview.

 Major food shapping—Refers to shapping for the
 - Major food shopping—Refers to shopping for the bulk of the household's groceries. Measured crimes—For the purpose of this report,
 - the offenses are rape, personal robbery, assnult, personal larcenty, burglary, household larcenty, and motor vehicle theft, as determined by the victimization component of the survey. Includes both completed and attempted acts that occurred during the 12 months prior to the month of interview.

 Motor vehicle theft—Sealing or unauthorized tak-
 - Motor venicis mer-secanno i nieuwalizzace ing of a motor vehicle, including attempts at such acts. Motor vehicles include automobiles, trucks, motoreyeles, and any other motorized vehicles legally allowed on public roads and highways.

 Neighborhood—The general vicinity of the respond-
 - Neighborhood—The general vicinity of the respondent's dwelling. The boundaries of a neighborhood define an area with which the respondent identifies.
 - Nonvictim—See "Not victimized," below.
 - Not victimized—For the purpose of this report, persons not categorized as "victimized" (see below) are considered "not victimized."
 - Offender—The perpetrator of a crime.
 - Operational practices—Refers to question 14b (ways of improving police performance) and includes four response categories: "Concentrate on more

important duties, serious crime, etc."; "Be more prompt, responsive, alert"; "Need more traffic control"; and "Need more policemen of particular type (foot, car) in certain areas or at certain

lar type (foot, car) in certain areas or at certain times,"
Personal larceny—Theft or attempted theft of property or cash, either with contact (but without force or threat of force) or without direct con-

tact between victim and offender.

Personnel resources—Refers to question 14b (ways
of improving police performance) and includes
two response categories: "Hire more policemen"
and "Improve training, raise qualifications or

pay, recruitment policies."

Race—Determined by the interviewer upon observation, and asked only about persons not related to the head of household who were not present at the time of interview. The racial categories distinguished are white, black, and other. The

category "other" consists mainly of American Indians and/or persons of Axian ancestry.

Rape—Carnal knowledge through the use of force or the threat of force, including attempts. Statutory rape (without force) is excluded. Includes both heterosexual and homosexual rape, the area of victimization—See "Victimization rate."

below.

Robbery—Theft or attempted theft, directly from a person, of property or cash by force or threat of force, with or without a weapon.

Series victimizations—Three or more criminal events similar. In oil dientical, in nature and incurred by a person anable to identify separately the details of each act of, in some cases, to recount accurately the comment of the criminal control of the criminal control of the criminal measured by the victimization component of the survey.

Suburban or neighborhood shopping areas—Shopping centers or districts either outside the city limits or in outlying areas of the city near the

respondent's residence. /ictim—See "Victimized," below,

/ietimization—A specific criminal act as it affects a single vietim, whether a person or household. In criminal acts against persons, the number of victimizations is determined by the number of victims of such acts. Each criminal act against a household is assumed to involve a single vietim, the affected household.

ictimization rate—For crimes against persons, the victimization rate, a measure of occurrence among population groups at risk, is computed on the basis of the number of victimizations per 1,000 resident population age 12 and over. For crimes against households, victimization rates are calculated on the basis of the number of victimizations per 1,000 households.

Vicininized—For the purpose of this report, persons are regarded as "vicinized" if they meet either of two criteria: (1) They personally experienced one or more of the following criminal vicinitizations during the 12 months prior to the month of interview: rape, personal crobbery, assuelt, or personal larceny, Or, (2) they are members of a boundhold that experienced one or more of the following criminal vicinitations during the or moor vehicle belf.

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Houston: Public Attitudes About Crime SD-NCS-C-23

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ourvey victimization and/or attitude data.
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